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## **DETAILED ACTION**

## Allowable Subject Matter

- 1. Claims 1-27, 35, and 40-48 are allowed.
- 2. The following is an examiner's statement of reasons for allowance: This invention deals with a electric power cable comprising a foamed cross-linked semi-conductive insulation shield positioned over and adhered to the insulation layer, wherein foaming of the foamed insulation shield is obtained after extrusion of the insulation shield onto the insulation layer (claim 1). This invention also deals with a method of producing an electrical power cable comprising extruding a semi-conductive crosslinkable insulation shield material which includes chemical foaming agent over the insulation layer, and after extruding, performing the following steps, heating the conductor shield, the insulation layer, and the insulation shield to a temperature equal to or greater than the decomposition temperature of the chemical foaming agent to decompose the chemical foaming agent and foaming the insulation shield (claim 15 & 40). The above stated claim limitations, is not taught or suggested by the prior art of record and therefore the claims have been allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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## Response to Arguments

3. Applicant's arguments filed October 4, 2006 have been fully considered and they are persuasive. Specifically, the applicant's argument that Belli doesn't teach foaming the insulation shield after the extrusion of the insulation shield is persuasive and therefore the claims have been allowed.

## Communication

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to William H. Mayo III whose telephone number is (571)-272-1978. The examiner can normally be reached on M-F 8:30am-6:00 pm (alternate Fridays off).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dean Reichard can be reached on (571) 272-2800 ext 31. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

William H. Mayo III Primary Examiner Art Unit 2831

WHM III December 09, 2006